



ML-DL-DS Assignment v3.0

Hello ML/DL Enthusiast,

Thanks for showing interest in **Mavoix Solutions Pvt Ltd**. Do find the below **Assignment v3.0**; please do read the instruction carefully before you start solving the same.

Use Case: Every year The Virtual University receives more than 10 lakhs applications for its various campus /colleges in STEM academic discipline. The management has decided to use Deep Tech to ease the process. The CNN based OCR model should be able to pick Physics, Chemistry & Mathematics scores from the marksheet and recommend respective campus.

Assignment: Create and Deploy a Deep Learning Model based in CNN, which will allow student to upload their marksheet and display the respective campus for admission.

- 1) Campus-Alpha: If the total marks (P+C+M) $\geq 90\%$
- 2) Campus-Beta: If the total marks (P+C+M) $\geq 80\%$ and $< 90\%$
- 3) Campus-Gama: If the total marks (P+C+M) $\geq 70\%$ and $< 80\%$

Verify your model with Test Data: <https://github.com/mavoixsolutions/sandbox.git>

Sample Visualisation (Bot) : <https://mavoix.in/workspace/virtual-university>

Assignment Submission Process: Mail your **Deployed URL** to info@mavoix.in

Submission Date: 29th Apr 2020 by 11:00pm.

Wish you all the best.

Team Mavoix,
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